

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	0	butenylene with acid with (polyanion or anion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 15:56
L4	0	butenylene near3 acid with (polyanion or anion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 15:57
L5	0	\$4butenylene near3 acid with (polyanion or anion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 15:57
L6	2	\$4butenylene with (polyanion or anion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 15:57
L7	7	\$4butenylene with (polyanion or anion\$2 or cation\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 15:58
L8	0	\$4butenylene near3 (sulfonat\$2 or sulphonat\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 15:59
L9	0	"poly(butenylene)" near3 (sulfonat\$2 or sulphonat\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 16:02
L10	0	"poly(butenylene)" with(sulfonat\$2 or sulphonat\$2 or (sulfonic adj acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 16:02
L11	0	"poly(butenylene)" with (sulfonat\$2 or sulphonat\$2 or (sulfonic adj acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 16:02
L12	590	alkenylene with (sulfonat\$2 or sulphonat\$2 or (sulfonic adj acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 16:03
L13	77	alkenylene with (sulfonat\$2 or sulphonat\$2 or (sulfonic adj acid)) with (anion\$2 or cation\$2 or polyanion or polycation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 16:04
L14	77	(polyalkenylene or alkenylene) with (sulfonat\$2 or sulphonat\$2 or (sulfonic adj acid)) with (anion\$2 or cation\$2 or polyanion or polycation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 16:05
L15	8	14 and (capacitor or batter\$3 or electrode or conductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 16:06
L16	167	12 and (polythiophene or polyaniline or polypyrrole or (conduc\$4 adj2 polymer\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 16:10
L17	1	16 (conduc\$3 near2 composition)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 16:10

L18	31	butenylene with (sulfonat\$2 or sulphonat\$2 or (sulfonic adj acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 16:12
L19	0	18 (conduc\$3 near2 composition)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 16:12
L20	1	18 and (polythiophene or polyaniline or polypyrrole or (conduc\$4 adj2 polymer\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 16:12
L21	7	butenylene with (polyanion or anion\$2 or cation\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/26 16:15
S1	3	((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid)) with (anion or polyanion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 10:21
S2	7	((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid)) same (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or (polymer\$2 near (conduct\$3 or conjugat\$2)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 10:25
S3	11	((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid)) and (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or (polymer\$2 near (conduct\$3 or conjugat\$2))) and ((resin or polymer\$2 ) with (polyacrylonitrile or (polyparabanic adj acid) or (polyvinylidene adj \$2fluoride) or PVDF or PAN))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 11:13
S4	0	(butenylensulfonic adj acid) or polybutenylensulfonic or polybutenylensulfonate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 11:34
S5	0	(butenylensulfonic adj acid) or polybutenylen adj sulfonic or polybutenylen adj sulfonate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 11:34
S6	0	(butenylenesulfonic adj acid) or polybutenylene adj sulfonic or polybutenylene adj sulfonate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 11:34
S7	0	(butenylenesulfonic adj acid) or polybutenylene near sulfon\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 11:35

S8	5	((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid)) with (ion or anion or polyanion)) and (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or ((compound or resin or polymer \$2) near (conduct\$3 or conjugat \$2))) and (polyacrylonitrile or (polyparabanic adj acid) or (polyvinylidene adj \$2fluoride) or PVDF or PAN) and (fullerene or ((carbon or carbonaceous) near2 (cluster or nanotube or aggregate)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 12:25
S9	6	(("5068060") or ("5002699") or ("0034514")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/24 12:35
S10	0	("34514").pn.).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/24 12:38
S11	4	("34514").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 12:39
S12	1993	(polyanion) and (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or ((compound or resin or polymer\$2) near (conduct\$3 or conjugat\$2)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:02
S13	1658	(polyanion) and (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or ((resin or polymer\$2) near (conjugat\$2)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:02
S14	3	S13 ((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:03
S15	749	S13 ((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid) or (sulfonic adj acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:05
S16	3	S13 (((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid)) and (sulfonic adj acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:05
S17	602	(polyanion) same (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or ((resin or polymer\$2) near (conjugat\$2)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:06
S18	326	S17 @ad <="20030618"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:07

S19	198	S18 and (sulfonic adj acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:08
S20	65	S18 and ((sulfonic adj acid) with anion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:08
S21	1	polyanion with butenylene	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:28
S22	346	(polyanion or anion) with (butenylene or alkenylene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:28
S23	1	(polyanion) with (butenylene or alkenylene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:29
S24	128	(polyanion) with (polyalkylene or polyalkenylene or polyimide or polamide or polyester)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:30
S25	87	S24 and (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or ((resin or polymer\$2) near (conjugat\$2)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:30
S26	38	S25 @ad <= "20030618"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:30
S27	2741	(polyanion or sulfonate?) near3 (polyalkylene or polyalkenylene or polyimide or polamide or polyester)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:34
S28	2012	(polyanion or sulfonate?) near (polyalkylene or polyalkenylene or polyimide or polamide or polyester)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:34
S29	441	S28 and (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or ((resin or polymer\$2) near (conjugat\$2)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:35
S30	260	S29 @ad <= "20030618"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:35
S31	0	S30 polybutenylene	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:35
S32	26	polybutenylene	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:35
S33	2	("5443944").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/24 13:44

S34	4834	conductive adj composition	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:46
S35	552015	((("252") or ("427") or ("428"))). CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/24 13:47
S36	1293	S34 S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:48
S37	272	S36 and (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or ((resin or polymer\$2) near (conjugat\$2)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:48
S38	43	S37 (PSS or (polystyrene adj sulfon\$3 adj acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:49
S39	0	S38 ((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:49
S40	0	S38 ((polyisoprenesulfonic adj acid) or (isoprenesulfonic))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:49
S41	2	S38 ((polyisoprenesulfonic adj acid) or (isoprene sulfonic))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:49
S42	2	S38 ((polyisoprenesulfonic adj acid) or (isoprene near sulfonic))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:49
S43	3	S37 ((polyisoprenesulfonic adj acid) or (isoprene near sulfonic))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:52
S44	3	S36 ((polyisoprenesulfonic adj acid) or (isoprene near sulfonic))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:52
S45	3	S36 ((polyisoprenesulfonic adj acid) or ((polyisoprene or isoprene) near sulfonic))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:53
S46	26	S38 (polyanion or anion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/24 13:53
S47	2	("5061401").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/26 13:22
S48	2	("20070092800").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/26 14:24

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